

1508/1G350-US1

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)**

INTERNATIONAL APPLICATION NO.

PCT/US01/01024

INTERNATIONAL FILING DATE

11 January 2001

PRIORITY DATE CLAIMED

11 January 2000

TITLE OF INVENTION

**THERMALLY ENHANCED DIALYSIS/DIAFILTRATION SYSTEM** 0480698045

EXPRESS MAIL CERTIFICATE

APPLICANT(S) FOR DO/EO/US

Gregory R. COLLINS, James SUMMERTON and Edward SPENCE

Date 12/6/01 Label No. EV  
I hereby certify that, on the date indicated above, this paper or  
fee was deposited with the U.S. Postal Service & that it was  
addressed for delivery to the Assistant Commissioner for  
Patents, Washington, DC 20231 by "Express Mail Post Office  
to Addressee" service.A. DiLullo A. DiLullo  
Signature

Applicant herewith submits to the United States Designated/Elected office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S. C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S. C. 371 (b) and PCT Articles 22 and 39 (1).
4. ☒ Proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S. C. 371 (c) (2) )  
a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).  
b. ☐ has been transmitted by the International Bureau  
c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S. C. 371 (c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))  
a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).  
b. ☐ have been transmitted by the International Bureau.  
c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.  
d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c) (3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98 (with 76 references).
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney an/or address letter.
16. ☒ Other items or information: Letter Accompanying U.S. National Phase Filing; copy of International Preliminary Examination Report

U.S. APPLICATION NO. <b>10/00050</b>		INTERNATIONAL APPLICATION NO.: PCT/US01/01024		Attorney's Docket Number 1508/1G350-US1	
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17. [x] The following fees are submitted:				ALCULATIONS	PTO USE ONLY
<b>Basic National Fee (37 CFR 1.492 (a)(1)-(5)):</b> Search Report has been prepared by the EPO [ ] or JPO [ ] <span style="float: right;">\$890.00</span>					
International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... <span style="float: right;">\$710.00</span>					
No international preliminary examination fee paid to USPTO (37 CFR 4.482) but international search fee paid to USPTO (37 CFR 1.445 (a) (2))... <span style="float: right;">\$740.00</span>					
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... <span style="float: right;">\$1,040.00</span>					
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)....XXX <span style="float: right;">\$100.00</span>					
ENTER APPROPRIATE BASIC FEE AMOUNT				\$100.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than [ ]20 [ ]30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	

Claims	Number Filed	Number Extra	Rate	Total	
Total Claims	24-20	3	3 X \$18.00	\$54.00	
Independent Claims	4-3	1	1X \$84.00	\$84.00	
Multiple dependent claims(s) (if applicable) + 280				\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$238.00</b>	
Reduction by 1/2 for filing by small entity, if applicable.				<b>\$119.00</b>	
<b>SUBTOTAL =</b>				<b>\$119.00</b>	
Processing fee of \$130.00 for furnishing the English translation later the [ ] 20 [ ] 39 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				<b>\$119.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). the assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$40.00	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$159.00</b>	
				Amount to be refunded	\$
				charged:	\$

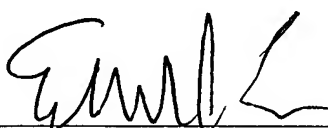
a. [X] A check in the amount of \$ .00 to cover the above fees is enclosed.

b. [ ] Please charge my Deposit Account No.04-0100 in the amount of \$ to cover the above fees.

c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0100. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:  
 Edward J. Ellis, Esq.  
 Darby & Darby P.C.  
 805 Third Avenue  
 New York, New York 10022-7513

  
 SIGNATURE \_\_\_\_\_  
 NAME Edward J. Ellis  
 REGISTRATION NO. 40,389

JC07 Rec'd PTO 06 DEC 2001  
10/009450

EXPRESS MAIL CERTIFICATE

Date 12/6/01 Label No. EV 004806980  
I hereby certify that, on the date indicated above, this paper or  
fee was deposited with the U.S. Postal Service & that it was  
addressed for delivery to the Assistant Commissioner for  
Patents, Washington, DC 20231 by "Express Mail Post Office  
to Addressee" service.

PLEASE CHARGE ANY DEFICIENCY UP TO \$300.00 OR  
CREDIT ANY EXCESS IN THE FEES DUE WITH THIS  
DOCUMENT TO OUR DEPOSIT ACCOUNT NO. 04-0100

A. DiLillo A. DiLillo  
Name (Print) Signature

Customer No.:



07278

PATENT TRADEMARK OFFICE

Docket No.: 1508/1G350-US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Gregory R. COLLINS, James SUMMERTON and Edward SPENCE

Serial No.: t/b/a (U.S. National Phase of International Application

No. PCT/US01/01024 filed January 11, 2001)

Confirmation No.:

Filed: Concurrently Herewith

For: THERMALLY ENHANCED DIALYSIS/DIAFILTRATION SYSTEM

LETTER ACCOMPANYING U.S. NATIONAL PHASE FILING

Hon. Commissioner of  
Patents and Trademarks  
Washington, DC 20231

Box PCT  
Attn.: DO/EO/US

Sir:

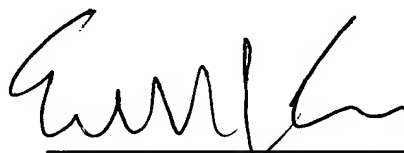
Concurrently herewith, applicants have entered into the U.S. national  
phase of the above-identified international application.

During the course of international preliminary examination, Examiner Sun Uk Kim had found all of the claims to meet the PCT criteria as to novelty, inventive step and industrial applicability. A copy of the International Preliminary Examination Report is enclosed.

It is therefore submitted that the claims on file in this application are in condition for allowance under U.S. practice. Pursuant to the provisions of 37 C.F.R. §1.496(b), it is requested that this application be taken up out of order.

Respectfully submitted,

Dated: December 4, 2001



Edward J. Ellis  
Registration No. 40,389  
Attorney for Applicant(s)

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New York, NY 10022  
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